

**In the United States Patent and Trademark Office**

Application No.: Not assigned  
Filed: Filed herewith  
Title: Open Community Model for Exchanging Information in Dynamic Environments  
Applicant(s): Frederick Hayes-Roth  
Examiner: Not assigned  
Art Unit: Not assigned

Mailed Oct. 3, 2003  
Palo Alto, CA

**Information Disclosure Statement**

Commissioner of Patents and Trademarks  
Washington, District of Columbia 20231

Dear Sir or Madam:

Attached is a completed Form PTO-1449 and copies of the pertinent parts of the references cited thereon.  
It is requested that the document(s) on the enclosed form be made of record.

**Part I (Authority)**

This statement is filed pursuant to:

☒ 37 C.F.R. § 1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of the national applications; (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

☐ 37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113 or (2) a notice of allowance under 37 C.F.R. § 1.311.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) (\$180), or a statement according to 37 C.F.R. § 1.97(e).

☐ 37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(c).

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) (\$180), and a statement according to 37 C.F.R. § 1.97(e).

**Conditional Petition**

It is respectfully requested that this information disclosure statement be considered, good cause being presented in Part III herein (certification). please treat this paper as the required petition.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record.

To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

## Part II (Payment)

A check is enclosed as indicated:

- ☒ ( X ) No fee is due.
- ☐ ( ) The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed \$180).
- ☐ ( ) The petition fee specified in 37 C.F.R. § 1.17(p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) is enclosed (\$180).

## Part III (Statement)

Pursuant to 37 C.F.R. § 1.97(e), I certify:

- ☒ ( X ) No statement is necessary.
- ☐ ( )
  - (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
  - ☐ ( ) The "communication from a foreign patent office" referred to in the certification is an International Search Report, possibly issued by the U.S. Patent and Trademark Office in its capacity as an International Search Authority or International Preliminary Examining Authority.
  - ☐ ( ) The "counterpart foreign application" referred to in the certification corresponds to an ancestor or descendent application of the application for which this information disclosure statement is filed.
- ☐ ( )
  - (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

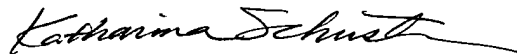
## Part IV (Additional Statement)

An additional statement regarding these items of information ( ) is, ( X ) is not, enclosed.

Copies of the cited art ( X ) are enclosed, ( ) are of record in parent application Serial No. \_\_\_\_\_ and will be provided if the Examiner deems it convenient.

Respectfully submitted,

Dated: Oct. 3, 2003



Katharina wang Schuster  
Reg. No. 50,000  
2345 Yale Street, 2<sup>nd</sup> Floor  
tel: 650-424-0100  
fax: 650-424-0141

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE										ATTY. DOCKET NO. FHR-102		SERIAL NO.		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT Frederick Hayes-Roth				
										FILING DATE		GROUP		
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER						DATE		NAME		RELEVANT INFORMATION		
	A	4	9	4	3	9	3	2	7/24/90		Lark et al.		364/513	
	B	6	5	0	7	7	8	2	1/14/03		Rumbo et al		701/121	
	C	6	0	2	9	1	7	5	2/22/00		Chow et al.		707/104	
	D	US 2003/0050959						3/13/03		Faybishenko et al.		709/202		
	E	US 2003/0023463						1/30/03		Dombroski et al.		705/5		
	F	US 2002/0147726						10/10/02		Yehia et al.		707/101		
	G	US 2001/0020211						9/6/01		Takayama et al.		701/200		
	H	6	3	1	7	6	8	6	11/13/01		Ran		701/210	
FOREIGN PATENT DOCUMENTS														
		2- letter code	DOCUMENT NUMBER					DATE		COUNTRY		TRANSLATION		
												YES NO		
	I													
	J													
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	K		Transportation Research Center, University of Florida, "Traffic model markup language (TMML)," Draft Specification, July 31, 2000											
	L		Amy Gilroy, "Real-time traffic, rerouting faces some uncertainty," retrieved on 6/27/03, Retrieved from the internet: <URL: <a href="http://www.twice.com/index.asp?layout=print_page&amp;doc_id=&amp;articleID=CA83081">http://www.twice.com/index.asp?layout=print_page&amp;doc_id=&amp;articleID=CA83081</a> >.											
	M		Douglas Dixon, "PDA GPS Navigation: TravRoute CoPilot," retrieved on 6/27/03, Retrieved from the internet: <URL: <a href="http://www.manifest-tech.com/ce_wireless/wireless_travroute.htm">http://www.manifest-tech.com/ce_wireless/wireless_travroute.htm</a> >.											
	N		"EZ Ride, A new Way to Drive," retrieved on 5/8/03, Retrieved from the internet: <URL: <a href="http://www.aeant.org/Education/AMZxnnBK1.pdf">http://www.aeant.org/Education/AMZxnnBK1.pdf</a> >.											
	O		Arik Hesseldahl, "Live traffic reports by PDA," retrieved on 6/27/03, Retrieved from the internet: <URL: <a href="http://www.forbes.com/2003/04/11/cx_ah_0411tentech_print.html">http://www.forbes.com/2003/04/11/cx_ah_0411tentech_print.html</a> >.											
	P		David F. Noble et al., "Dynamic multi-user information fusion system situation server: support to sensor and fusion management," Teknowledge Federal Systems, 4350 N Fairfax Drive, Arlington VA 22203, 1810 Embarcadero Rd. Palo Alto, CA 94303.											
	Q		William J. Rice et al., "Filling the information void: creating simple and effective data exchange and collaboration with XML," Proceedings, 12 <sup>th</sup> Annual First Conference, June 2000, pp 1-14											

	R	Harry Niedzwiadek et al., Open GIS Consortium, Inc., "OpenLS Platform," OpenLS Architect, December 20, 2002.
	S	Andrew Layman, dated 12/16/1998, "Thread:FW: DTD-to-DB SCHEMA," retrieved on 6/26/03, Retrieved from the internet: <URL: <a href="http://www.geocrawler.com/archives/3/318/1998/12/50/1758904">http://www.geocrawler.com/archives/3/318/1998/12/50/1758904</a> >.
	T	Terry Moriarty, "The naked truth with XML, the metadata emperor still has no clothes," retrieved on 6/26/03, Retrieved from the internet: <URL: <a href="http://www.intelligententerprise.com/001110/metaprise.shtml">http://www.intelligententerprise.com/001110/metaprise.shtml</a> >.
	U	Sandeepan Banerjee, "How XML schemas simplify dynamic content management," retrieved on 6/26/03, Retrieved from the internet: <URL: <a href="http://otn.oracle.com/tech/xml/htdocs/SchemDTD.html">http://otn.oracle.com/tech/xml/htdocs/SchemDTD.html</a> >.
	V	Peter Flynn, "The XML FAQ," retrieved on 6/26/03, Retrieved from the internet: < URL: <a href="http://www.ucc.ie:8080/cocoon/xmlfaq#owntags">http://www.ucc.ie:8080/cocoon/xmlfaq#owntags</a> >.
	W	"MDC Open Information Model (OIM)," retrieved on 6/27/03, Retrieved from the internet: <URL: <a href="http://xml.coverpages.org/mdc-oim.html">http://xml.coverpages.org/mdc-oim.html</a> >.
	X	"The Open Information Model," retrieved on 6/27/03, Retrieved from the internet: <URL: <a href="http://www.sqlmag.com/Articles/Index.cfm?ArticleD=8060">http://www.sqlmag.com/Articles/Index.cfm?ArticleD=8060</a> >.

**EXAMINER****DATE CONSIDERED**

\* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.